

STOCKPILING (500)

Follow procedures in the [Maintenance Operations Procedures Manual](#) and the Administrative Procedures portion of the [Accounting Manual](#) for stockpiling activities. These may include production of premix, sand, sand and salt, and snow poles.

511.0 PREMIX PRODUCTION

Do not operate hot plants above the manufacturer's rated capacity. Operation at this capacity should prevent any violation of state and federal Environmental Protection Agency rules.

Take into account the department policy of noninterference with commercial plant mix operations. Plants should not be located within an area where commercial facilities are in operation and the cost of material is competitive with state costs.

When a hot plant has been relocated, the Department of Environmental Quality must be notified by sending the appropriate Relocation Form.

All asphalt hot plants owned or operated by the Department shall be set up and operated so there is no point source discharge of storm water from such facilities into waters of the United States and, therefore, no need for a NPDES storm water permit.

This shall be accomplished by (1) locating the plant in a pit, excavated basin, or other area that does not discharge any storm water from a point source; or (2) surrounding the hot plant facility with berms, dikes, or trenches capable of containing all storm water runoff from plant operations.

Hot plant operators shall be trained in plant set-up procedures, trouble shooting and plant preventative maintenance.

Each district operating a Department hot plant shall assign an individual to assist the plant operator in safety and operational considerations.

511.1 Quality Control

It is critical that premix produced by the Department is of sufficient quality to assure a permanent repair of the roadway surface. Contact the District Materials Section prior to set-up for asphalt requirements and any additive needs for the particular aggregate being used. Periodically check the mix quality. The District Materials Roving Inspector should sample the product and district laboratory personnel perform the appropriate tests as if this were a contract operation.

512.0 STOCKPILE OPERATIONS

Crushing of natural resources, as well as screening operations that are for cleaning or sizing material fall under the jurisdiction of the Mine Safety and Health Administration (MSHA) and therefore have the following requirements that must be met:

- MSHA must be given advance notice of the approximate date operation will commence (30 CFR 56.1000).
- Fuel trucks must be placarded (30 CFR 56.4101).
- Adequate fire extinguishers must be maintained on site and checked monthly and annually (30 CFR 56.4201).
- Continuity and resistance of grounding systems shall be tested after installation, repair and modification and annually thereafter (30 CFR 56.12028).
- All guards must be in place on moving machinery (30 CFR 56.14001).
- First-aid supplies, including a blanket and stretcher, must be maintained on site (30 CFR 56.15001).
- Proper protective gear must be worn by all personnel (30 CFR 56.15002 - .15007).
- An on-site person must perform and document daily inspections (30 CFR 56.18002).
- A suitable communication system must be available in the event of an emergency. A vehicle with a radio that will reach the base station is sufficient (30 CFR 56.18013).
- Toilet facilities must be available on site or be readily accessible from the site (30 CFR 56.20008).

Stockpile operations that only involve processing by adding salt or cement, or loading of material and/or transporting of material by highway crews without undergoing cleaning or sizing operations, are not inspected by MSHA. Neither are slag piles or stockpiles of recycled asphalt products that are not minerals in their natural form.